

Rynite® 935 BK505

THERMOPLASTIC POLYESTER RESIN

DuPont Performance Polymers

Message:

35% Glass Reinforced Polyethylene Terephthalate

General Information			
UL YellowCard	E41938-257712		
Filler / Reinforcement	Glass\Mica,35% Filler by Weight		
Agency Ratings	UL Unspecified Rating		
Processing Method	Injection Molding		
Multi-Point Data	Shear Modulus vs. Temperature (ISO 11403-1)		
Part Marking Code (ISO 11469)	>PET-(MD+GF)35<		
Resin ID (ISO 1043)	PET-(MD+GF)35		
Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.70	%	
Flow	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2
Tensile Stress (Break)	82.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	9300	MPa	ISO 178
Flexural Stress	132	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	4.0	kJ/m ²	
-30°C	4.0	kJ/m ²	
23°C	5.5	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-40°C	22	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	240	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A
Melting Temperature ¹	252	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flammability Classification			IEC 60695-11-10, -20

0.750 mm	HB
1.50 mm	HB
NOTE	
1.	10°C/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

